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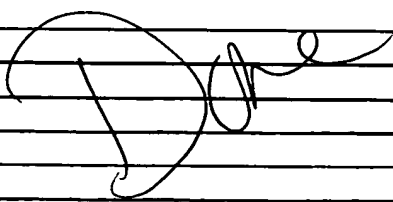
Application : <u>09/033541</u>	Examiner : <u>Emch</u>	GAU : <u>1649</u>
From: <u>NB</u>	Location: <u>IDC</u> FMF FDC	Date: <u>1-13-06</u>

Tracking #: epm 0903354 / Week Date: 10-31-05

DOC CODE	DOC DATE	MISCELLANEOUS
<input checked="" type="checkbox"/> 1449	<u>05/22/01</u>	<input type="checkbox"/> Continuing Data <input type="checkbox"/> Foreign Priority <input type="checkbox"/> Document Legibility <input type="checkbox"/> Fees <input type="checkbox"/> Other
<input type="checkbox"/> IDS	<u>6/14/05</u>	
<input type="checkbox"/> CLM	_____	
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REV 10/04

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
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**FACSIMILE FILING OF PTO DOCUMENT**

**Examiner:** Ms. Rori Burch **Group:** Publishing Division

**Date:** February 22, 2006

**Client Code:** 2225.1001-010

**Facsimile No.:** (703) 308-6642

**From:** Kristin A. Connarn, Esq.

**Subject: Paper:** Submission of Copy of PTO-Form 1449 in Reply to Notice to  
File Corrected Application Papers

**Docket No.:** 2225.1001-010

**Applicants:** Marcel Loetscher and Bernhard Moser

**Serial No.:** 09/683,541

**Filing Date:** August 7, 2000

Number of pages including this cover sheet: 10

Please confirm receipt of facsimile: Yes XX No    

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February 22, 2006

PATENT APPLICATION  
Docket No. 2225 1001-010

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marcel Loetscher and Bernhard Moser  
Application No.: 09/633,541 Group: 1649  
Filed: August 7, 2000 Examiner: Gregory Emch  
Confirmation No.: 3846  
For: METHOD FOR IDENTIFYING LIGANDS, INHIBITORS OR  
PROMOTERS OF CXCL12 CHEMOKINE RECEPTOR 3 (As  
Amended)

<b>CERTIFICATE OF MAILING OR TRANSMISSION</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
<u>FEBRUARY 22, 2006</u> Date	<u>Christine A. Budd</u> Signature
CHRISTINE A. BUDD Typed or printed name of person signing certificate	

SUBMISSION OF COPY OF PTO-FORM 1449 IN  
REPLY TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Notice to File Corrected Application Papers dated January 30, 2006, requesting submission of a legible copy of sheets 1-3 of the PTO-Form 1449 filed on August 7, 2000, please find enclosed a copy of sheets 1-3 of the PTO-Form 1449 filed August 7, 2000. A copy of the Notice is attached.

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09/633,541

-2-

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

Kristin A. Connam

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Date: February 22, 2006

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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P O Box 1450  
Alexandria, VA 22313-1450

**COPY**

Serial Number  
09633541

Date Mailed  
1/30/06

**NOTICE TO FILE CORRECTED APPLICATION PAPERS**

*Notice of Allowance Mailed*

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- ♦ Copy pages of 1449 are illegible (sheets 1-3). Fax legible information to number below or e-mail.
- o For status updates visit <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR System, contact the Electronic Business Center (EBC) toll free at 866-217-9197.

**APPLICANT MUST SUPPLY MISSING INFORMATION WITHIN 30 DAYS OF THE MAIL DATE OF THIS NOTICE.**

A copy of this notice MUST be returned with the reply. Please address response to Commissioner for Patents P.O. Box 1450  
Alexandria, VA 22313-1450

A handwritten signature in black ink, appearing to read "Ron Burch", written over a horizontal line.

Ron Burch  
USPTO  
Publishing Division  
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Fax (703) 308-6642  
703-305-0333 ext.135 (V)

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PTO-149 REPRODUCED			ATTORNEY DOCKET NO. 2225.1001-010		APPLICATION NO.		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION  April 20, 2000 (Use several sheets if necessary)			APPLICANTS Marcel Loetscher and Bernhard Moser				
			FILING DATE August 7, 2000		GROUP		
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5,629,283	13 May 97	Nicola et al.	514	2	23 Nov 94
	AB	5,543,503	06 Aug 96	Chuncharapai et al.	530	388.22	11 Jun 93
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL	WO 94/12635	09 Jun 94	PCT			
	AM	WO 94/24282	27 Oct 94	PCT			
	AN	WO 95/08576	30 Mar 95	PCT			X
	AO	DE 43 32 256 C1	09 Mar 95	Germany			X
	AP	WO 91/02063	21 Feb 91	PCT			
	AQ	WO 97/25340	17 Jul 97	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Murphy, P.M., "The Molecular Biology of Leukocyte Chemoattractant Receptors," <i>Annu. Rev. Immunol.</i> , 12:593-633 (1994).					
	AS	Marchese, A. et al., "Cloning and Chromosomal Mapping of Three Novel Genes, GPR9, GPR10, and GPR14, Encoding Receptors Related to Interleukin 8, Neuropeptide Y, and Somatostatin Receptors," <i>Genomics</i> , 29:335-344 (1995).					
	AT	Gen Bank Accession No. U32674, submitted by Marchese, A. et al., first released October 2, 1995 according to personnel at the National Center for Biotechnology Information.					
	AU	Taub, D.D., et al., "Recombinant Human Interferon-inducible Protein 10 is a Chemoattractant for Human Monocytes and T Lymphocytes and Promotes T Cell Adhesion to Endothelial Cells," <i>J. Exp. Med.</i> , 177:1809-1814 (1993).					
	AV	Sarris, A.H., et al., "Human Interferon-inducible Protein 10: Expression and Purification of Recombinant Protein Demonstrate Inhibition of Early Human Hematopoietic Progenitors," <i>J. Exp. Med.</i> , 178:1127-1132 (1993).					
	AW	Luster, A.D. and Leder, P., "IP-10, a -C-X-C- Chemokine, Elicits a Potent Thymus-dependent Antitumor Response In Vivo," <i>J. Exp. Med.</i> , 178:1057-1065 (1993).					
	AX	Angiolillo, A.L., et al., "Human Interferon-inducible Protein 10 is a Potent Inhibitor of Angiogenesis In Vivo," <i>J. Exp. Med.</i> , 182:155-162 (1995).					
EXAMINER			DATE CONSIDERED				

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  April 20, 2000 (Use several sheets if necessary)			ATTORNEY/AGENCY NO. 2225.1001-010		APPLICATION NO.	
			APPLICANTS Marcel Loetscher and Bernhard Moser			
			FILING DATE August 7, 2000		GROUP	
U.S. PATENT DOCUMENTS						
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS  FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS  TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	AY	Luster, A.D., et al., "The IP-10 Chemokine Binds to a Specific Cell Surface Heparan Sulfate Site Shared with Platelet Factor 4 and Inhibits Endothelial Cell Proliferation," <i>J. Exp. Med.</i> , 182:219-231 (1995).				
	AZ	Taub, D.D., et al., " $\alpha$ and $\beta$ Chemokines Induce NK Cell Migration and Enhance NK-Mediated Cytotoxicity," <i>J. Immunol.</i> , 155:3877-3888 (1995).				
	AR1	Luster, A.D., et al., " $\gamma$ -Interferon Transcriptionally Regulates an Early-Response Gene Containing Homology to Platelet Proteins," <i>Nature</i> , 315:672-676 (1985).				
	AS1	Farber, J.M., "A Macrophage mRNA Selectively Induced by $\gamma$ -Interferon Encodes a Member of the Platelet Factor 4 Family of Cytokines," <i>Proc. Natl. Acad. Sci. USA</i> , 87:5238-5242 (1990).				
	AT1	Farber, J.M., "HuMIG: A New Human Member of the Chemokine Family of Cytokines," <i>Biochem. Biophys. Res. Commun.</i> , 192(1):223-230 (1993).				
	AU1	Liao, F., et al., "Human Mig Chemokine: Biochemical and Functional Characterization," <i>J. Exp. Med.</i> 182:1301-1314 (1995).				
	AV1	Förster, R., et al., "A General Method for Screening mAbs Specific for G-protein Coupled Receptors as Exemplified by Using Epitope Tagged BLR1-Transfected 293 Cells and Solid-Phase Cell ELISA," <i>Biochem. Biophys. Res. Commun.</i> , 196(3):1496-1503 (1993).				
	AW1	Miller, M.D. and Krangel, M.S., "Biology and Biochemistry of the Chemokines: A Family of Chemotactic and Inflammatory Cytokines," <i>Critical Reviews in Immunology</i> , 12(1,2):17-46 (1992).				
	AX1	Gayle III, R.B., et al., "Importance of the Amino Terminus of the Interleukin-8 Receptor in Ligand Interactions," <i>J. Biol. Chem.</i> , 268(10):7283-7289 (1993).				
	AY1	Sprenger, H., et al., "Structure, Genomic Organization, and Expression of the Human Interleukin-8 Receptor B Gene," <i>J. Biol. Chem.</i> , 269(15):11065-11072 (1994).				
	AZ1	Oliveira, L., et al., "A Common Motif in G-Protein-Coupled Seven Transmembrane Helix Receptors," <i>J. Computer-Aided Molecular Design</i> , 7:649-658 (1993).				
EXAMINER			DATE CONSIDERED			

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>April 20, 2000</b>  (Use several sheets if necessary)				2225.1001-010			
				<b>APPLICANTS</b> Marcel Loetscher and Bernhard Moser			
				<b>FILING DATE</b> August 7, 2000		<b>GROUP</b>	
<b>U.S. PATENT DOCUMENTS</b>							
<b>EXAM- INER INI- TIAL</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB- CLASS</b>	<b>FILING DATE IF APPROPRIATE</b>
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUB- CLASS</b>	<b>TRANSLATION YES NO</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AR2	Dewald, B., et al., "IP-10, a $\gamma$ -interferon-inducible Protein Related to Interleukin-8, Lacks Neutrophil Activating Properties," <i>Immunol. Let.</i> , 32:81-84 (1992).					
	AS2	Loetscher, M., et al., "Chemokine Receptor Specific for IP10 and Mig: Structure, Function, and Expression in Activated T-Lymphocytes," <i>J. Exp. Med.</i> , 184:963-969 (1996).					
	AT2	Kaplan, G., et al., "The Expression of a $\gamma$ Interferon-induced Protein (IP-10) in Delayed Immune Responses in Human Skin," <i>J. Exp. Med.</i> , 166:1098-1108 (1987).					
	AU2	Gottlieb, A.B., et al., "Detection of a $\gamma$ Interferon-induced Protein IP-10 in Psoriatic Plaques," <i>J. Exp. Med.</i> , 168:941-948 (1988).					
	AV2	George, D.G., et al., "Current Methods in Sequence Comparison and Analysis," <i>Macromolecular Sequencing and Synthesis Selected Methods and Applications</i> , (Alan R. Liss, Inc.) pp. 127-149 (1988).					
	AW2	Cunningham, B.C., and Wells, J.A., "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis," <i>Science</i> , 244:1081-1085 (1989).					
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			


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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  April 20, 2000 (Use several sheets if necessary)				ATTORNEY, COUNSEL OR 3225.1001-019			
APPLICANTS Marcel Kleischer and Bernhard Moser				FILING DATE August 7, 2000			
GROUP				JPRS 98-070 09/03/98			
<b>U.S. PATENT DOCUMENTS</b>							
EXAM- INER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
AY			Luster, A.C., et al., "The IF-10 Chemokine Binds to a Specific Cell Surface Heparan Sulfate Site Shared with Platelet Factor 4 and Inhibits Endothelial Cell Proliferation," J. Exp. Med., 182:219-231 (1995).				
AZ			Taub, D.D., et al., "α and β Chemokines Induce NK Cell Migration and Enhanced NK-Mediated Cytotoxicity," J. Immunol., 155:3877-3888 (1995).				
AR1			Luster, A.C., et al., "γ-Interferon Transcriptionally Regulates an Early-Response Gene Containing Homology to Platelet Proteins," Nature, 315:672-674 (1985).				
AS1			Farber, J.H., "A Macrophage mRNA Selectively Induced by γ-Interferon Encodes a Member of the Platelet Factor 4 Family of Cytokines," Proc. Natl. Acad. Sci. USA, 87:5231-5240 (1990).				
AS2			Farber, J.H., "hMIP-1: A New Human Member of the Chemokine Family of Cytokines," Biochem. Biophys. Res. Commun., 192(1):227-230 (1993).				
AS3			Liao, F., et al., "Human MIG Chemokine: Biochemical and Functional Characterization," J. Exp. Med., 182:1301-1314 (1995).				
AV1			Forster, P., et al., "A General Method for Screening mAbs Specific for G-protein Coupled Receptors as Exemplified by Using Epitope Tagged R1F1-Transfected 293 Cells and Solid-Phase Cell ELISA," Biochem. Biophys. Res. Commun., 196(3):1496-1503 (1993).				
AK1			Miller, M.D. and Krangel, M.S., "Biology and Biochemistry of the Chemokines: A Family of Chemotactic and Inflammatory Cytokines," Critical Reviews in Immunology, 18(1):17-46 (1992).				
AX1			Gayle III, F.B., et al., "Importance of the Amino Terminus of the Interleukin-8 Receptor in Ligand Interactions," J. Biol. Chem., 268(10):7183-7189 (1993).				
AX2			Springer, R., et al., "Structure, Genomic Organization, and Expression of the Human Interleukin-8 Receptor B Gene," J. Biol. Chem., 269(15):11065-11072 (1994).				
AX3			Silveira, L., et al., "A Common Motif in G-Protein-Coupled Seven Transmembrane Helix Receptors," J. Computer-Aided Molecular Design, 7:43-65E (1993).				
EXAMINER 				DATE CONSIDERED 2.22.02			

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION  April 20, 2000 (Use several sheets if necessary)		ATTORNEY DOCKET NO. 2225.1001-010		APPLICATION NO.			
		APPLICANTS Marcel Loetscher and Bernhard Moser					
		FILING DATE August 7, 2000		GRC-IP			
U.S. PATENT DOCUMENTS							
EXAM- INER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUE- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUE- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AP2	Lewald, B., et al., "IP-10, a $\gamma$ -interferon-inducible Protein Related to Interleukin-8, Lacks Neutrophil Activating Properties," Immunol. Lett., 32:81-84 (1992).					
	AS2	Loetscher, M., et al., "Chemokine Receptor Specific for IP10 and Mig: Structure, Function, and Expression in Activated T-Lymphocytes," J. Exp. Med., 184:965-959 (1995).					
	AT2	Kaplan, G., et al., "The Expression of a $\gamma$ Interferon-induced Protein (IP-10) in Delayed Immune Responses in Human Skin," J. Exp. Med., 166:1098-1108 (1987).					
	AJ2	Gottlieb, A.B., et al., "Detection of a $\gamma$ Interferon-induced Protein (IP-10) in Psoriatic Plaques," J. Exp. Med., 168:941-948 (1989).					
	AS2	George, D.G., et al., "Current Methods in Sequence Comparison and Analysis," Macromolecular Sequencing and Synthesis Selected Methods and Applications, (Alan R. Liss, Inc.) pp. 127-145 (1988).					
	AW2	Cunningham, B.C., and Wells, J.A., "High-Resolution Epitope Mapping of HGH-Receptor Interactions by Alanine-Scanning Mutagenesis," Science, 244:1081-1085 (1989).					
EXAMINER			DATE CONSIDERED 2-27-04				

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